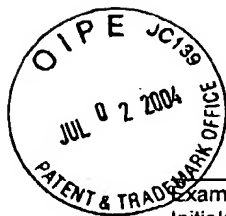


Form PTO-1449
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U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 500.30304C14
Serial No. 10/603,612
Applicant: H. ARAI et al.
Filing Date: June 26, 2003
Group: 2651



U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
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TD	4,825,305	04-25-1989	ITOH et al.	(corresponds to JP 63-032767)	
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Document No.	Date	Country	Class Subclass	Translation Yes No
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TD TD	63-028143	02-05-1988	Japan	Abstract
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	62-252288	11-04-1987	Japan	Abstract
	64-082711	03-28-1989	Japan	Abstract
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Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

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U.S. Department of Commerce
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Atty. Docket No. 500.30304C14
Serial No. (not yet assigned)
Applicant: H. ARAI, et al
Filing Date: on even date
Group: Unassigned

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T.D		4,378,593	03/83	Yamamoto		
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				Yes	No
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